

## AS THEY BUILD SHIPS IN ENGLAND

Young Richmonders Now in Europe Writes Interestingly of Naval Architecture.

### SOME FANTASTIC NOTIONS

Mr. Winston Has Little Faith in Some Recent Ideas of Propulsion.

An exceedingly interesting paper, prepared by Mr. J. M. Winston, of London, England, son of Mr. Robert L. Winston, of this city, is given herewith. A comprehensive resume of the shipbuilding of Great Britain for the year 1904 is presented by Mr. Winston. This young gentleman is a graduate of the V. M. I. (class 1900), and of naval architecture at the University of Glasgow. He is a member of Kappa Alpha fraternity, and is now employed in the scientific department of Maury, Croft and Company, London. The paper follows:

The past year has been one of hopes and fears; fluctuations in the labor market, rise and fall in prices. This cause of this was generally supposed to be the result largely of the strike in the front market, a large number of vessels previously chartered for government purposes. Freight decreased, and this was followed by depression in all shipbuilding districts, and the consequent reduction of staffs, as no new orders for vessels were being placed. This, of course, produced a fall in the prices of vessels, the competition with foreign shipbuilders, assisted in some cases by bounties and subsidies, is very keen now, so that recovery from depression is much slower than in former years. However, the majority of builders are in a much better position than they were twelve months ago, while at the same time a lot of new work would require to be placed at better prices than that which is now being carried out to restore the industry to a thoroughly healthy condition. A good many ship owners took advantage of the very low prices of ships, and gave orders, stipulating for payments over very long periods, in some cases ten years, the price being, as a rule, \$20 per ton of dead weight carrying capacity. Such a price, even with the low quotations prevailing for steel-American and German being imported at about \$25 per ton—old metal, the price being, as a rule, \$20 per ton of dead weight carrying capacity. The addition to British shipping profits, however, has been less than for some years, but there has been an increase in the foreign owned tonnage built. Norway, Sweden, Austria, Germany and Greece have taken many ships at low rates, which will place them in an advantageous position for competing with English vessels.

**World's Returns for '04.**

Vessels.	No.	Tons.	Horse Power.
Great Britain.....	1,124	1,375,000	1,338,572
United States.....	454	324,175	334,025
Germany.....	282	271,025	351,927
France.....	15	143,390	244,455
Netherlands.....	199	51,000	47,718
Norway and Sweden.....	105	62,510	43,475
Italy.....	33	34,015	43,441
Japan.....	71	28,088	24,545
Austria.....	49	28,088	24,545
Denmark.....	19	12,830	11,535
China.....	18	12,702	3,073
Belgium.....	15	5,475	3,239
Russia.....	2	1,444	.....
Greece.....	2	35	570

Total, without Great Britain, 1,124 1,608,783 1,910,321

\*Per cent. of all naval to merchant tonnage was about 8.5 in Great Britain.

Per cent. steam to total merchant tonnage, 96.

The day of the sailing ship seems to have passed; the number registered at Glasgow has decreased 123 within the last ten years.

Glasgow has the distinction of being the port of registry of the first Atlantic liner fitted with turbine machinery, the *Lusitania*. This line, in a sense a national craft, being for Scotch owners, built in Ireland, and engaged with an Englishman's patent.

### Where Ships Were Registered.

Countries where British built, foreign owned ships were registered in 1904 are:	Tons.
Norway and Sweden.....	42,165
Colombia and India.....	44,521
Austria-Hungary.....	22,555
Germany.....	25,859
Greece.....	15,045
France.....	12,356



No matter where you've wined and dined, Just lay the heaviest odds, In Blue Grass only will you find, A whiskey for the gods.

**Old Barbee Whiskey**  
Bottled in Bond  
Hand-made by the famous old process that brings the natural flavor to perfection. Ask for "Old Barbee." See that Government stamp over cork.  
Jno. T. Barbee & Co., Louisville, Ky.



5c. 2 ounces Petroleum Jelly.....14c  
5c. 3 ounces Machine Oil.....14c  
5c. box of 2,000 Tooth Brushes.....14c  
5c. bottle Best Sweet Oil.....14c

### EXTRA SPECIALS.

Valentines (comic), 3 for.....1c  
40c. Rubber Sponges.....14c  
50c. Carolina Bright Cigarettes.....14c  
50c. St. Regis All Havana Cigars.....14c  
10c. Rubber Gloves.....14c  
15c. Medicated Hair Insobles, for cold feet.....14c  
50c. Medicated Atomizers.....14c  
15c. Toilet Cologne.....14c

### MEDICINE.

15c. Alcock's Porous Plasters.....14c  
15c. Beef, Wine and Iron.....14c  
10c. Bromo Seltzer.....14c  
15c. Chamberlain's Cough Syrup.....14c  
20c. Eagle Brand Condensed Milk.....14c  
\$1.50 Fellow's Syrup Hypophosphites.....14c  
35c. Fletcher's Castoria.....14c  
35c. Groves' Hill Tonic.....14c  
10c. Harlow Oil.....14c  
25c. Humphrey's No. 77 for Cold, 17c  
25c. Harper's Brain Food.....14c  
\$1 Hooper's Tasteless Cod Liver Oil.....14c  
\$1 Hancock's Liquid Sulphur.....14c  
25c. Juniper Tar.....14c  
50c. Laxative Pills, 100 in bottle.....14c  
25c. Laxative Quinine Tablets, cures a cold in one night.....14c  
50c. Liquezone.....14c

**The Birthplace OF CUT-RATE.**

# ONLY SIX DOLLARS MORE!

WING to the heavy sleet and cold, which prevented many people living in the West End and suburbs of Richmond taking advantage of this sale, we feel it our duty to continue for ONE MORE WEEK, in order that each and every one in the city may have a chance to be benefited by this Great Slash in Prices. We will positively close this sale on SATURDAY NIGHT, February 18th.

### SOAP DEPARTMENT.

50c. Castle Soap, green or white, imported, 3-lb. bars.....10c  
25c. Aurora Soap.....10c  
25c. Comb Butter Milk Soap.....10c  
25c. Cuticle Skin Soap.....10c  
5c. Ivory Soap.....10c  
15c. Munyon's Violette Soap.....14c  
5c. Packer's Tar Soap.....14c  
5c. Pure Palm Soap, 2c. per cake, or per dozen.....22c  
25c. Williams' Shaving Stick.....14c  
25c. Roger and Gallet's Violet Soap.....17c

### TOILET GOODS DEPT.

25c. Arnicin Cream.....14c  
15c. Bon-Ton Hair Vigor.....10c  
15c. Bay Rum.....10c  
15c. Cold Cream.....10c  
15c. Camphor Ice, with Glycerine.....10c  
15c. Heavy Hard Rubber 7-inch Comb.....14c  
25c. Holman's Frezelle.....14c  
\$1 Hooper's Hair Restorer, the best and most pleasant hair grower made.....50c  
25c. Lyon's Tooth Powders.....14c  
25c. Meade and Baker's Mouth Wash.....14c  
25c. Mennen's Toilet Powder.....14c  
25c. Nail Clippers.....10c  
25c. Pomade for the hair, highly perfumed.....14c

### BRUSH DEPARTMENT.

15c. Tooth Brushes, four rows, imported.....14c  
25c. Tooth Brushes.....14c  
25c. Tooth Brush (The Tragle).....14c  
15c. Whisk Broom.....14c  
25c. Solid Back Good White Hair Brushes, 1 to each customer.....14c  
10c. Nail Brushes.....14c  
50c. Prophylactic Tooth Brushes.....14c

### MISCELLANEOUS.

15c. Self Pulling Corkcaw.....14c  
5c. Best Black Ink.....14c  
5c. Best Mucilage.....14c  
25c. Best Quality Lemon, Vanilla, Peppermint, Nitre, Peppermint and Jamaica Ginger, per bottle 14c  
15c. Best and Cleanest Bird Seed.....14c  
60c. Best Wool Bath Sponge.....10c  
10c. Box Mustard.....14c  
10c. 1/2-lb. Chloride of Lime.....14c  
25c. Coleman's Mustard.....14c  
60c. Chest Protectors.....14c  
10c. Diamond Dyes, all colors.....14c  
5c. Envelopes.....14c  
15c. Fine Writing Paper, all shades, per box.....14c  
15c. Gold Paint.....14c  
15c. 1-4 lb. Best Houndhound Cough

### RUBBER GOODS.

\$1 Pure Rubber Squat Hot Water Bag.....14c  
\$1 Squat Fountain Syringe, pure rubber, 3 pipes (only one to each customer).....14c

### EXTRA SPECIALS.

15c. 1-lb. Insobles, no cold feet.....14c  
10c. Earl of Virginia Havana Cigars.....14c  
\$1 Red Seal Sarsaparilla, best for Blood, Rheumatism, Catarrh, Kidney and general tonic, one bottle to each customer.....14c  
5c. and 15c. bottles Vanilla, Lemon, Peppermint, Peppermint, Ginger, Sweet Oil and Turpentine.....14c  
5c. bottle Best Sweet Oil.....14c  
5c. pint Appleton's Water.....14c  
40c. Half-ounce Best Quinine.....14c  
15c. 1/2-lb. bar Pure Glycerine Soap.....14c

## TRAGLE'S CUT-RATE DRUG STORE

817 East Broad Street.

Directly Opposite NEW Bijou Theatre.

Russia.....12,540  
Denmark.....7,273  
South American Republics.....4,393  
Spain.....3,555  
Belgium.....2,713  
Holland.....2,573  
United States of America.....1,238  
Portugal.....44  
Other countries and unclassified.....7,509

You can see from the above tables that America is out of the running with its present legislative and economic conditions. The exceptional number of battleships, combined with the large ocean-going steamers Dakota and Minnesota, make up a respectable total tonnage. Of course, however, it must be remembered that government vessels are placed irrespective of ordinary trade conditions. Ordinary shipbuilding costs thirty to thirty-five per cent. more than in Great Britain. Nor can there be any change so

one being built for the same line, the Adriatic, which is slightly faster. The Carolina, for the Cunard Line, which was recently launched at Clydebank, is also a monster, being the largest ship built in the world outside of Belfast, and will be one of the finest of the Cunard fleet in the way of internal fittings and arrangements. The honor of having the largest tonnage for the past year falls to Messrs. Russell and Company, of Port Glasgow, being first, with eighteen vessels, 78,330 tons. Messrs. Harland and Wolff, of Belfast, have generally held this position since 1887; this year this firm's output is only 31,842 tons. Messrs. Duxford and Company, a firm here in England, devote themselves entirely to the building of patent turret steamers. Since 1892 they have launched 100 of these vessels, which prove very efficient carriers of bulk cargoes and economical as regards tonnage tax.

reliable they will probably be carried upon the decks of cruisers and battleships. Engineers prophesy that there is a great future for the internal combustion engine, such as the petrol engine. Less than two years ago the idea of a boat fitted with a motor of such small dimensions and weight for its power as to render a proportion of one hundred brake horsepower per ton (boat), not only possible, but an accomplished fact, would have been considered preposterous. The decrease of size and weight per one horsepower in the motor has enabled the designer to produce a boat capable of such extreme speed for its size that it seems to encounter a different set of conditions, as is usual in this class of vessels.

### Fantastic Ideas.

It seems only a question of time when this type of propelling force will be made in large powers for use in larger vessels.

installed by them will commence cutting next week and large forces of hands will be required to supply this. The force are kept busy working the portion already completed up in good order and this company is spending a large sum of money now getting ready to do a large business as soon as the weather opens up. A large portion of the German labor is being sent to the north of the country, that usually goes North in quest of work during the good weather and will be kept here the entire year. Many of those who farm on an estate are leaving the farms to seek employment with this company.

### TOUR CUT SHORT.

Mr. J. B. Duke and Bride Visit His Father's Bedside.

(Special to The Times-Dispatch.)  
DURHAM, N. C., Feb. 11.—Mr. J. B. Duke, president of the American Tobacco Company, and his bride, reached here yesterday afternoon shortly after 1 o'clock on a special train from Greensboro. They are attending the bedside of Mr. Washington Duke, who fell ill while on a short trip to New York.

### Telephone Company.

The State Corporation Commission has issued a charter to the Southern Bell Telephone and Telegraph Company of Virginia, principal office, Richmond, W. T. Gentry, president, H. E. Mosman, vice-president, William H. Banks, attorney, Richmond, Va. Capital stock, \$200,000. Object to conduct a telephone and telegraph company.

### What Sulphur Does

For the Human Body in Health and Disease.

The mention of sulphur will recall to many of us the old-fashioned remedy, when our mothers and grandmothers gave us our daily dose of sulphur and molasses every spring and fall.

It was the universal spring and fall "blood purifier," tonic and cure-all, and mind you, this old-fashioned remedy was not without merit.

The idea was good, but the remedy was crude and unpalatable, and a large quantity had to be taken to get any effect.

Nowadays we get all the beneficial effects of sulphur in a palatable, concentrated form, so that a single grain is as effective as the tablespoonful of the crude sulphur.

In recent years research and experiment have proven that the best sulphur for medical use is that obtained from Calcium (Calcium Sulphide), and sold in drug stores under the name of Stuart's Calcium Sulphide.

## ATTACKED & BURGLAR WITH ANCIENT SWORD

Intruder Wielded Sand Bag and Left Grocer Mortally Wounded.

(By Associated Press.)

PHILADELPHIA, PA., Feb. 11.—As the result of an encounter with a burglar John Sproth, a middle-aged grocer, is dying at a hospital. His skull is fractured and his body is a mass of cuts and bruises.

Sproth surprised the burglar early today in the act of robbing his store. He attacked the intruder with an old cavalry sword and the thief wielded a sandbag. A bloody fight ensued and was terminated only by the arrival of the police. The burglar escaped, leaving his victim mortally wounded.

### Birds Frozen.

(Special to The Times-Dispatch.)  
FREDERICKSBURG, VA., Feb. 11.—Partridges in some sections of the surrounding country are reported to have been found dead in fence corners from cold weather and starvation.

### Hoped, But Feared the Worst.

Friday Viper, a familiar negro about town in a certain part of Mississippi, had been found dead, and he being a member of no church or lodge—very unusual for a negro—there was no one to pray for his soul in the great beyond. A few old intimates, however, carried the body to you in a coffin, and we expect you ain't.

### POEMS YOU OUGHT TO KNOW

Whatever your occupation may be, and however crowded your hours with affairs, do not fail to secure at least a few minutes every day for refreshment of your inner life with a bit of poetry.—Professor Charles Eliot Norton.

No. 417.

## KUBLA KHAN.

By SAMUEL T. COLERIDGE.

Samuel Taylor Coleridge was born at Ottery St. Mary, Devonshire, 1772. He studied at Cambridge, but left without taking his degree. In 1795 he married Sara Fricker, Southey's sister-in-law; in the same year he moved to Bristol. Here he published, in collaboration with Wordsworth, the *Lyrical Ballads*. He later went to Germany and lived at Jena. Later he went to London, where he lived at the house of 29, Gilman, and lectured on Shakespeare and the fine arts. He died at London in 1835.

### IN Xanadu did Kubla Khan

A stately pleasure dome decreed,  
Where Alph, the sacred river, ran,  
Through caverns measureless to man,  
Down to a sunless sea.  
So twice five miles of fertile ground  
With walls and towers were girdled round;  
And there were gardens bright with sinuous rills,  
Where blossomed many an incense-bearing tree;  
And here were forests ancient as the hills,  
Enfolding sunny spots of greenery.  
The shadow of the dome of pleasure  
Floated midway on the waves,  
Where was heard the mingled measure  
From the fountain and the caves.  
It was a miracle of rare device,  
A sunny pleasure dome with caves of ice!  
A damsel with a dulcimer  
In a vision once I saw:  
It was an Abyssinian maid,  
And on her dulcimer she played,  
Singing of Mount Abora.  
Could I revive within me  
Her symphony and song,  
To such deep delight 'twould win me  
That with music loud and long  
I would build that dome in air—  
That sunny dome! those caves of ice!  
And all should cry, Beware! Beware!  
His flashing eyes, his floating hair!  
Weave a circle round us thrice,  
And close our eyes with holy dread,  
For he on honey dew hath fed  
And drunk the milk of Paradise.

This series began in The Times-Dispatch Sunday, October 11, 1904. One is published each day.

## Bead Necklaces and Bangle Bracelets.

"Those who know" endorse the quality, appearance and prices of those we offer. We will be pleased to have you call and see them.

(By Associated Press.)

### Lumsden

151 MAIN ST.

"before-de-wah darkey" was called upon for a few remarks. But removed his head reverently and sadly toward the open grave, and in solemn, funeral tones said:

"Friday Viper, you is gone. We hope you is comfortable, we expect you ain't."

Bob McTaven, one of the number, an old

Lippincott's Magazine.

Lippincott's Magazine.

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